

A graph of the function $\arctan z$ is shown. The horizontal axis is labeled $\arctan z$. The vertical axis is labeled $\frac{\pi}{2}$ at the top and $-\frac{\pi}{2}$ at the bottom. Dashed horizontal lines are drawn at $y = \frac{\pi}{2}$ and $y = -\frac{\pi}{2}$. The curve of $\arctan z$ passes through the origin $(0,0)$ and approaches the dashed lines as $z \rightarrow \pm\infty$.

FIG. 2

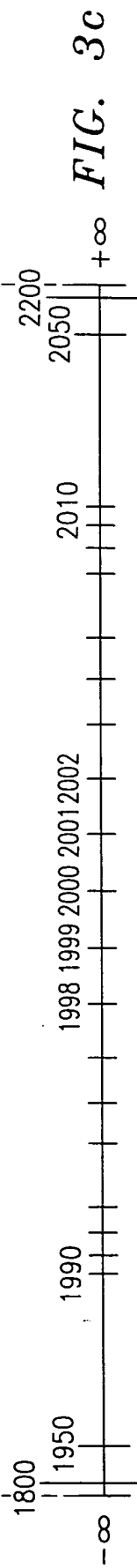
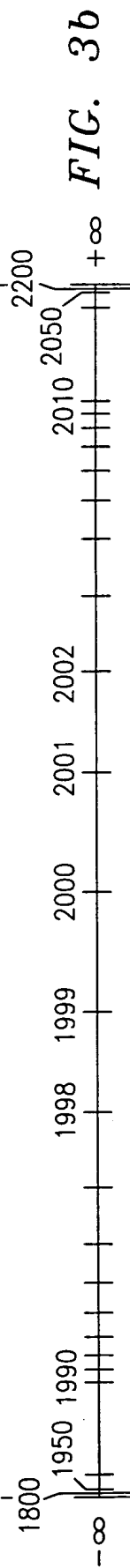
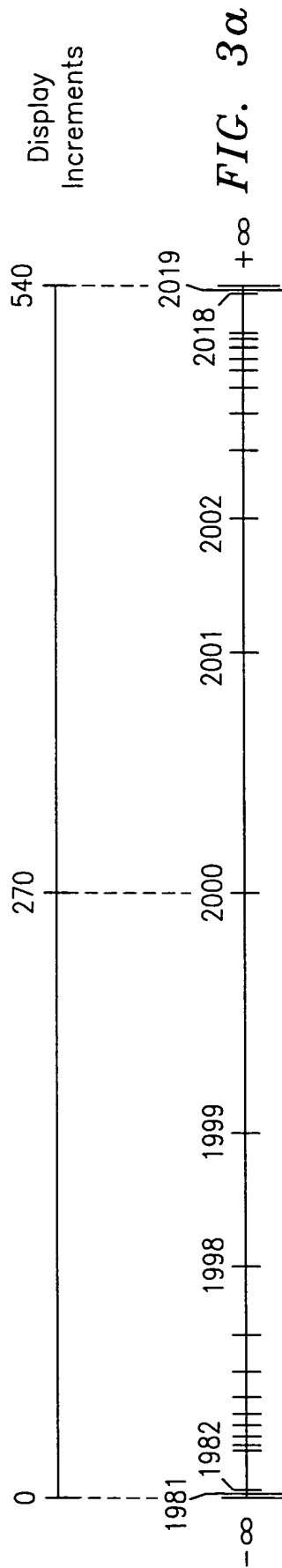


FIG. 3d

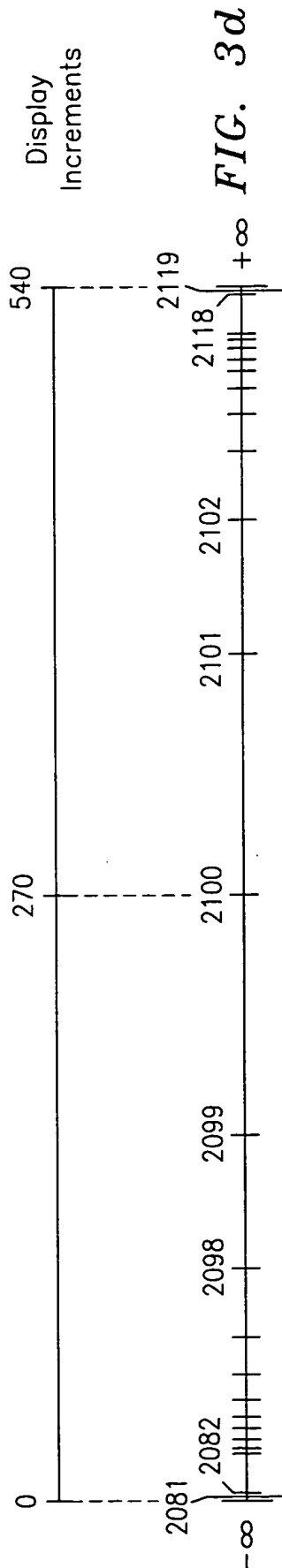


FIG. 3d